Target for power generation capacity

1497. SHRI JESUDASU SEELAM: Will the Minister of POWER be pleased to state:

(a) whether the Ministry has decided to have action plan for the next one year so that all the steps are taken to ensure that 11,000 mw of power generation capacity targeted during 2008-09, is achieved;

(b) if so, the details of measures worked out; and

(c) to what extent Government is confident of achieving this target during one year and to what extent it would help in reducing the power shortage in the country?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) and (b) The target set for capacity addition during the year 2008-09 is 11061.20 MW comprising of 3570 MW in Central Sector, 4054.20 MW in State Sector and 3437.0 MW in Private Sector. The Government has strengthened the monitoring of the projects to ensure their timely completion. Some of the important measures taken are as follows:

- The Central Electricity Authority (CEA) has appointed designated nodal officers to be associated with each on-going project, who continuously and closely monitor the progress at site through frequent visits and regular interaction.
- Intensive review meetings are regularly organized by the Ministry of Power along with CEA, the Central Public Sector Undertakings (CPSUs) and other stakeholders to review the critical milestones associated with each on-going project.
- A Power Project Monitoring Panel (PPMP) has been set up to independently follow up and monitor the progress of the critical projects.

(c) The Government is confident that a substantial part of the target for the year 2008-09 would be definitely achieved. It is estimated that the energy shortage in the country would be reduced from 9.9% during 2007-08 to 8.8% by the end of 2008-09.

Hydro power potential in Brahamaputra basin

†1498. DR. MURLI MANOHAR JOSHI:
SHRI SHIVANAND TIWARI:
Will the Minister of POWER be pleased to state:

(a) whether it is a fact that an assessment of potential of hydro power generation in Brahmaputra basin has been made;

(b) if so, the extensive details thereof;

(c) the present potential of power generation in this basin; and

(d) the power generation potential of the projects which are under construction in this basin?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) and (b) Yes, Sir. According to the studies carried out by the Central Electricity Authority during 1978 to 1987, the potential of Brahmaputra Basin was assessed at 66,065 MW in terms of probable installed capacity from 226 identified potential schemes. The river sub basin-wise details are given below:

†Original notice of the question was received in Hindi.

Sl. No.	Name of River Sub-Basin	No. of Schemes	Probable Installed Capacity (MW)
1.	Siang-Dibang	28	25,032
2.	Lohit	11	7,456
3.	Subansiri	25	13,767
4.	Upper Brahmaputra	19	1,203
5.	Kameng	34	3,896
6.	Kalang (Kopili)	16	924
7.	Teesta	30	7,046
8.	Lower Brahmaputra	3	62
9.	Barak and other neighbouring rivers	60	6,679
	TOTAL	226	66,065

(c) At present, in the Brahmaputra Basin, hydro projects aggregating 1953 MW are under operation. The details are given in the Statement *(See* below).

(d) 10 hydroelectric projects, aggregating 4935 MW are presently under construction in the Brahmaputra Basin. The names of schemes along with the probable commissioning schedule are given below:

Sl. No.	Name of the Project	State /Agency	Installed Capacity (MW)	Commissioning schedule	Sector
1.	Myntdu	Meghalaya/ MeSEB	84	2009-10	State Government
2.	Subansiri Lower	Arunachal Pradesh/ NHPC	2000	2011-12	Central Government
3.	Teesta Low Dam-III	West Bengal/ NHPC	132	2009-10	Central Government
4.	Kameng	Arunachal Pradesh/ NEEPCO	600	2011-12	Central Government
5.	Teesta Low Dam-IV	West Bengal NHPC	160	2010-11	Central Government
6.	Chujachen,	Sikkim/Gati Infrastructure	99	2009-10	Private
7	Teesta-III	Sikkim/ Teesta Urja	1200	2011-12	Private
8.	Teesta-VI	Sikkim/ Lanco Energy	500	12th Plan	Private
9.	New Umtru	Meghalaya/ MeSEB	40	2011-12	State Government
10.	Rangit-IV	Sikkim/ Jal Power Corpn.	120	12th Plan	Private
			4935		

Statement

Hydro Electric Schemes under operation in Brahmaputra Basin

Sl. No.	Scheme name	Installed Capacity (MW)
1	Jaldhaka I	27.00
2	Jaldhaka II	8.00
3	Lower Lagyap	12.00
4	Umtru	11.20
5	Umiam Umtru IV	60.00
6	Kyrdamkulai	60.00
7	Gumti	15.00
8	Loktak	105.00
9	Kopili	200.00
10	Khandong	75.00
11	Tago	4.50
12	Upper Rongnichhu	8.00
13	Myang Chhu	4.00
14	Messanjore	4.00
15	Raman II	50.00
16	Teesta Canal Falls	67.50
17	Nurang Nallah	6.00
18	Rangit III	60.00
19	Doyang	75.00
20	Ranga Nadi-I	405.00
21	Likim Ro	24.00
22	Lower Borpani (Karbi Langpi)	100.00
23	Teesta V	510.00
24	Umiam St I & II	54.00
25	Kambag	4.00
26	Sippi	4.00
	SUB TOTAL	1953.20

Role of private sector in power generation

†1499. SHRI AJAY SINGH CHAUTALA: Will the Minister of POWER be pleased to state:

†Original notice of the question was received in Hindi.